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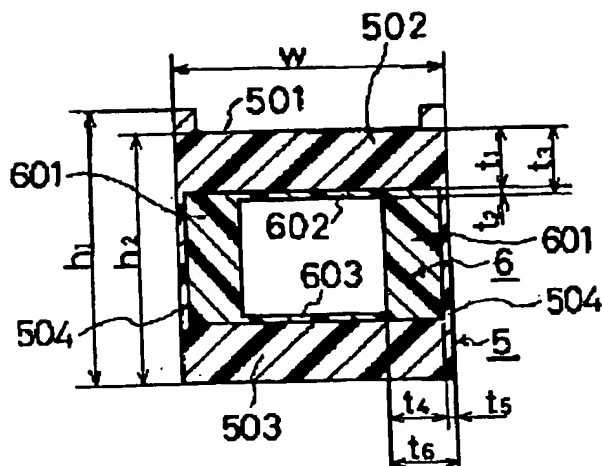
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APPLICANT : SUZUKI MOTOR CORP;

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TITLE : SYNTHETIC RESIN CHAIN
TENSIONER AND MANUFACTURE
THEREOF



ABSTRACT : PROBLEM TO BE SOLVED: To miniaturize a chain tensioner that can be formed by rotational molding and prevent a chain tensioner lever from being scattered around even in case of being damaged.

SOLUTION: A chain tensioner lever is formed by rotational molding into a state of a hollow inner shell 6 adhering closely to the inner wall surface of a chain tensioner lever outer shell 5 with a chain sliding contact face 501 so as to form the chain tensioner lever into two-layer structure. The chain tensioner lever outer shell 5 is formed of wear resistant synthetic resin, while the inner shell 6 is formed of reinforced synthetic resin, and the inner shell 6 formed of reinforced synthetic resin is wrapped in wear resistant synthetic resin. Wall thickness of the chain tensioner lever is therefore made thick to improve strength so as to be miniaturized, and even in case of the inner shell 6 being broken, the scatter is prevented by the chain tensioner lever outer shell 5 so as to eliminate influence on an area around.

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